

SECURITY
MAR 25 2002
TRADEMARK OFFICE

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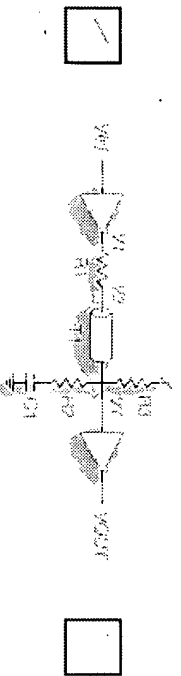
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Transmission line example #2

Simple transmission line, capacitive termination.



Rise time	1000	ps	Z0	68	ohms	Ref	3.2
Step amp.	3	V	Driver	Ideal voltage source	Polarity	Rising	
TL length	5	cm	R1	22	ohms		
R2	68	ohms	C1	100	pF	R3	1e99
			Receiver	LC wideband clamp			
LL	1	nH	C1	4	pF	Clamp	Both
Plot	Frequency		Plot method	PDF		Simulate	

Java transmission line simulator
Transmission line calculator - Java version

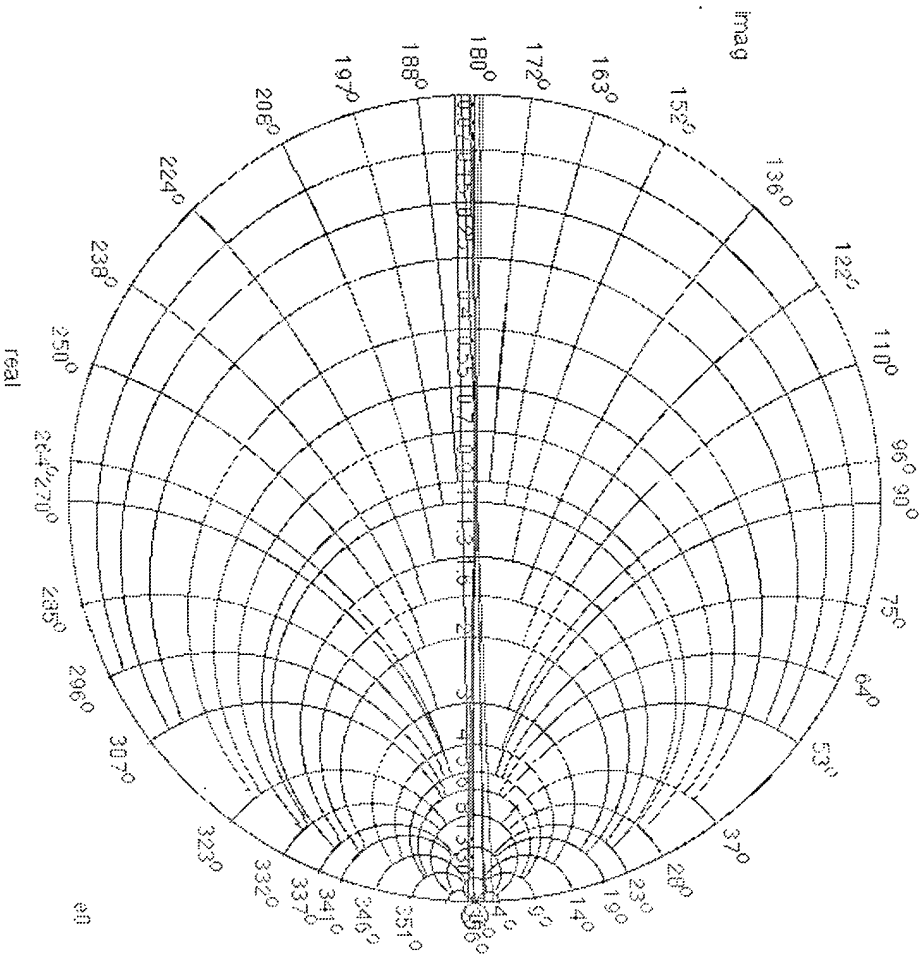
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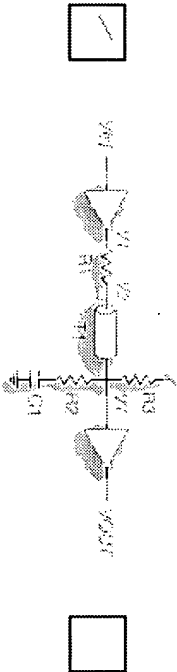
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Transmission line example #2

Simple transmission line, capacitive termination.



Z0 68 ohms Eff 3.2

Rise time 1000 ps

Step amp. 3 V

Polarity Rising

Driver Ideal voltage source

T1 length 5 cm

R1 0 ohms

R2 68 ohms

C1 100 pF

R3 1e99 ohms

Receiver LC wrthode clamp

IL 1 V/H

CL 4 pF

Chomp Both

Plot Impedance

Plot method Java

Simulate

[Java transmission line simulator](#)
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